S
388.31
H3a
1981

PLEASE RETURN

AUTOMATIC COUNTERS 1981

STATE DOCUMENTS COLLECTION
FEB 5 1982
MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

MONTANA

Montana State Library
3 0864 1006 4189 6

MONTANA

AUTOMATIC COUNTERS

1981

Prepared by the

State of Montana Department of Highways

Planning and Research Bureau

In cooperation with

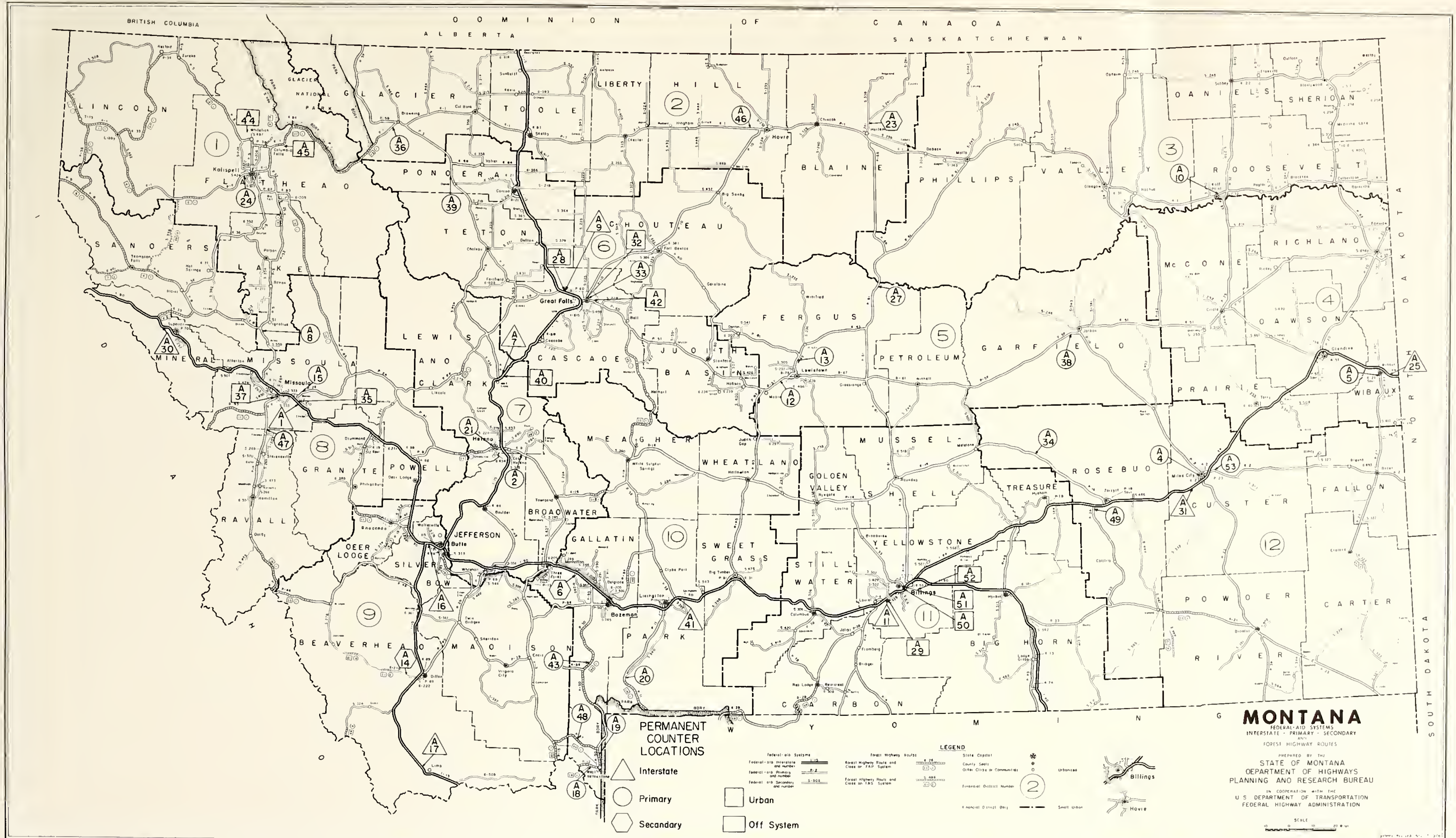
U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

Digitized by the Internet Archive
in 2013

http://archive.org/details/montanaautomatic57mont


MONTANA
FEDERAL-AID SYSTEMS
INTERSTATE - PRIMARY - SECONDARY
AND
FOREST HIGHWAY ROUTES
PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
IN COOPERATION WITH THE
U S DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE
PERMANENT COUNTER LOCATIONS
Interstate
Primary
Secondary
Urban
Off System
LEGEND
State Capitol
County Seats
Other Cities or Communities
Urbanized
Financial District Number
Small Urban
Billings
Havre
BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
IDAHO
LINCOLN
FLATHEAD
GLACIER
GLACIER NATIONAL PARK
TOOLE
LIBERTY
HILL
BLAINE
PHILLIPS
VALLEY
DANIELS
SHERIDAN
ROOSEVELT
PONDERA
TETON
CHOUTEAU
SANDERS
LAKE
MINERAL
MISSOULA
LEWIS AND CLARK
CASCADE
JUDITH BASIN
FERGUS
PETROLEUM
GARFIELD
McCONE
RICHLAND
DAWSON
PRAIRIE
WIBAUX
RAVALLI
GRANITE
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
TREASURE
CUSTER
FALLON
DEER LODGE
SILVER BOW
JEFFERSON
BROADWATER
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
BIG HORN
POWDER RIVER
CARTER
BEAVERHEAD
MADISON
PARK
CARBON
Kalispell
Missoula
Great Falls
Helena
Butte
Bozeman
Billings
Havre
Lewistown
Miles City

INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1981. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 46 automatic traffic counters were in operation during 1981. Four new counters were added during the year bringing the total to 50 counters in operation.

At each recorder the highest, the 10th, the 20th, the 30th, and the 40th and the 50th highest hours that occured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous ten years and 1941 and 1961 as to stability and accuracy.

The 50 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
23 on Primary Rural	4 on FAU System
3 on Primary Urban	3 on Interstate Frontage Roads
1 on Local Road	2 on Recreational Roads

30TH. MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

Station A-1 Year 1981

Location I-90, 10.0 miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 34.4 % Foreign Pass Cars 21.6 % Pickups 22.0 % Commercial 22.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3631	3273	3425	3431	3358	4087	3699	3573	3534	101.10	69.56
February	3411	3307	3228	3476	3498	4317	3790	3575	3565	100.28	69.60
March	4647	3798	3882	4006	4439	4953	4522	4300	4181	102.85	83.71
April	4638	4324	4170	4192	4567	5309	4566	4527	4500	100.60	88.13
May	4942	4725	4702	4674	4976	5490	5128	4971	4941	100.61	96.78
June	7197	6207	6264	6280	6485	7441	7013	6667	6508	102.44	129.79
July	7832	7267	7187	7349	7840	8399	7017	7585	7641	99.27	147.67
August	7911	7131	7303	7269	7749	8309	7894	7652	7532	101.59	148.97
September	6290	5951	5775	5752	6168	7091	6428	6178	6113	101.06	120.28
October	4954	4487	4322	4473	4833	5757	4966	4862	4822	100.83	94.65
November	4793	3711	3911	4524	3950	4528	4327	4249	4105	103.51	82.72
December	3498	3350	3364	3612	3611	3414	3627	3500	3478	100.63	68.14
Daily Average for Year	5312	4794	4794	4920	5123	5758	5248	5137	5077	101.18	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1

Route I-90 East of Missoula

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4	630	12.3	628	12.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-2 Year 1981

Location U.S. 12 - 6.0 miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 59.8 % Foreign Pass Cars 10.8 % Pickups 20.0 % Commercial 9.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2243	1968	1866	1827	1877	2497	2072	2059	2023	101.78	73.46
February	2148	2002	1749	1913	2016	2551	2292	2096	2046	102.44	74.78
March	2914	2146	1969	2036	2418	2780	2574	2399	2251	106.57	85.59
April	2801	2271	2101	2099	2401	3092	2626	2469	2380	103.74	88.08
May	3393	2981	2456	2471	2701	3144	3174	2935	2769	105.99	104.71
June	3823	3162	3016	3105	3225	4003	3781	3421	3283	104.20	122.04
July	4307	3612	3308	3441	3712	4282	3674	3767	3689	102.11	134.39
August	4188	3447	3296	3402	3517	4152	3819	3701	3557	104.05	132.04
September	3588	3268	2967	2858	2989	3852	3515	3266	3162	103.29	116.52
October	3034	2583	2383	2511	2713	3564	2914	2838	2786	101.87	101.25
November	3045	2346	2406	2525	2415	2949	2509	2606	2519	103.45	92.97
December	1992	2087	1981	2028	2182	2172	2127	2079	2087	99.62	74.17
Daily Average for Year	3123	2656	2458	2518	2681	3253	2923	2803	2713	103.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2

Route U. S. 12 East of East Helena

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978			NEW ALIGNMENT										
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9
1981	2803	477	17.0	405	14.4	390	13.9	379	13.5	373	13.3	367	13.1

AUTOMATIC RECORDER DATA BY MONTHS

Station A-4
Location U.S. 10 & 18 - 1.5 miles West of Miles City

Year 1981

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 36.7 % Foreign Pass Cars 10.9 % Pickups 35.2 % Commercial 17.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	730	1038	1177	1107	978	1206	959	1030	1100	93.64	82.79
February	759	963	1104	1100	1041	1205	993	1083	1024	105.76	82.31
March	989	1163	1215	1168	1150	1316	1075	1151	1201	95.84	92.52
April	977	1197	1274	1163	1198	1395	1177	1196	1239	96.53	96.14
May	1368	1304	1323	1246	1277	1552	1444	1368	1350	101.33	109.96
June	1236	1462	1491	1436	1431	1595	1342	1431	1482	96.56	115.02
July	1256	1500	1535	1597	1523	1601	1282	1480	1554	95.24	118.96
August	1389	1467	1532	1458	1524	1752	1436	1501	1543	97.28	120.65
September	1342	1214	1312	1248	1329	1479	1320	1318	1313	100.38	105.94
October	970	1139	1270	1196	1248	1404	1149	1203	1258	95.63	96.70
November	892	1146	1328	1186	1090	1318	1098	1142	1210	94.38	91.80
December	842	1066	1190	1131	1117	1126	1072	1085	1129	96.10	87.21
Daily Average for Year	1063	1222	1313	1253	1242	1412	1196	1244	1289	96.51	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-4

Route U.S. 10 & 12 West of Miles City

Traffic Type Primary - Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1971	1120	188	16.8	148	13.2	131	11.7	127	11.3	122	10.9	119	10.6
1972	1226	203	16.6	158	12.9	141	11.5	136	11.1	132	10.8	130	10.6
1973	1175	194	16.5	144	12.3	134	11.4	127	10.8	122	10.4	121	10.3
1974	1127	192	17.0	135	12.0	130	11.5	123	10.9	120	10.6	117	10.4
1975	1094	201	18.4	125	11.4	120	11.0	116	10.6	112	10.2	110	10.1
1976	1060	192	18.1	133	12.6	115	10.9	110	10.4	107	10.1	105	9.9
1977	1077	196	18.2	136	12.6	130	12.1	127	11.8	124	11.5	122	11.3
1978	1170	218	18.6	157	13.4	148	12.6	142	12.1	138	11.8	133	11.4
1979	1293	251	19.4	163	12.6	148	11.4	144	11.1	141	10.9	139	10.8
1980	1249	226	18.1	160	12.8	146	11.7	140	11.2	137	11.0	133	10.6
1981	1244	303	24.4	171	13.7	144	11.6	139	11.2	135	10.9	133	10.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-5 Year 1981

Location Mont. 7 - 1.0 mile South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 31.6 % Foreign Pass Cars 5.4 % Pickups 37.6 % Commercial 25.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	474	536	607	599	545	598	504	551	576	95.66	63.85
February	463	545	566	598	602	593	610	568	581	97.76	65.82
March	754	763	825	813	753	793	727	776	790	98.23	89.93
April	874	839	850	899	889	967	847	882	889	99.21	102.21
May	903	861	893	900	918	954	900	906	907	99.89	104.99
June	1211	919	946	919	953	989	1077	997	944	105.61	115.54
July	1059	1059	1003	1081	1069	1088	1237	1085	1063	102.07	125.74
August	1292	1069	1004	1065	1134	1228	1217	1149	1098	104.64	133.15
September	970	927	944	995	990	995	980	971	970	100.10	112.53
October	820	948	931	1009	972	995	873	936	972	96.30	108.47
November	754	835	913	854	808	867	842	836	854	97.89	96.88
December	609	716	703	730	714	707	692	698	714	97.76	80.89
Daily Average for Year	849	835	849	872	862	898	876	863	863	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5

Route Montana 7 - South of Wibaux

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4
1981	863	255	29.5	181	21.0	145	16.8	125	14.5	114	13.2	108	12.5

AUTOMATIC RECORDER DATA BY MONTHS

Station A-6 Year 1981

Location FAS 288 - 0.5 miles South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	365	461	461	460	474	543	435	460	482	95.44	92.68
February	318	383	444	464	507	471	433	431	454	94.93	86.84
March	417	532	517	537	589	559	511	520	545	95.41	104.77
April	430	559	551	576	599	587	584	557	575	96.87	112.22
May	490	545	501	573	532	581	521	534	548	97.45	107.59
June	418	528	532	537	559	550	497	518	540	95.93	104.36
July	432	550	535	544	531	521	452	511	536	95.34	102.96
August	435	555	529	526	505	545	493	511	533	95.87	102.96
September	411	512	511	535	557	594	552	525	540	97.22	105.77
October	408	522	523	531	568	542	516	518	539	96.10	104.37
November	354	481	524	473	446	486	403	450	482	93.36	90.66
December	300	468	448	435	460	414	407	421	444	94.82	84.82
Daily Average for Year	398	508	506	516	527	533	484	496	518	95.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6

Route FAS 288 - South of Manhattan

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5
1981	496	105	21.2	73	14.7	66	13.3	63	12.7	61	12.3	59	11.9

AUTOMATIC RECORDER DATA BY MONTHS

Station A-7 Year 1981

Location I-15 - 2.0 miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 44.0 % Foreign Pass Cars 17.2 % Pickups 24.9 % Commercial 13.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1890	1553	1530	1506	1480	1986	1781	1682	1622	103.70	77.55
February	1681	1564	1442	1549	1633	2165	1894	1704	1671	101.97	78.56
March	2300	1678	1670	1755	1954	2261	2149	1958	1846	106.07	90.27
April	2452	1958	1779	1899	1997	2604	2207	2116	2038	103.83	97.56
May	2485	2059	1769	1845	1985	2492	2299	2162	2052	105.36	99.68
June	2993	2227	2148	2241	2294	2985	2779	2501	2361	105.93	115.31
July	3454	2702	2462	2516	2730	3234	2953	2861	2742	104.34	131.90
August	3325	2576	2465	2535	2650	3206	3045	2844	2681	106.08	131.12
September	2672	2477	2129	2077	2176	2926	2539	2406	2334	103.08	110.93
October	2219	1871	1755	1863	2022	2720	2181	2111	2076	101.69	97.32
November	2374	1651	1777	2056	1810	2314	1987	1997	1908	104.66	92.07
December	1775	1561	1532	1676	1669	1777	1856	1686	1641	102.74	77.73
Daily Average for Year	2468	1990	1872	1960	2033	2556	2306	2169	2081	104.23	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7

Route I-15 North of Wolf Creek

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975		COUNTER	OUT	DUE	TO	MECHANICAL	FAILURE						
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7	290	13.4	285	13.1

AUTOMATIC RECORDER DATA BY MONTHS

Station A-8 Year 1981

Location U.S. 93 - 0.5 miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 43.3 % Foreign Pass Cars 10.7 % Pickups 28.5 % Commercial 17.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2199	2623	2721	2684	2737	3255	2676	2718	2822	96.31	69.12
February	2505	2685	2866	2855	2919	3472	3057	2908	2959	98.28	73.96
March	3336	2968	3026	3199	3414	3960	3730	3350	3285	101.98	85.20
April	3140	3192	3172	3167	3476	3951	3709	3396	3385	100.33	86.37
May	4126	4000	3717	3640	3803	4598	4213	4043	3982	101.53	102.82
June	4975	4487	4461	4370	4437	5316	4745	4670	4601	101.50	118.77
July	6465	5698	5224	5337	5720	6686	5676	5838	5757	101.41	148.47
August	5940	5370	5357	5465	5626	6342	5664	5678	5619	101.05	144.40
September	4308	4473	4272	4230	4526	5394	4604	4524	4549	99.45	115.05
October	3621	3570	3443	3627	3847	4522	3862	3813	3837	99.37	96.97
November	3201	3156	3310	3616	3425	3888	3601	3438	3464	99.25	87.43
December	2366	2732	2815	2902	2992	2976	2813	2809	2886	97.33	71.44
Daily Average for Year	3849	3746	3699	3758	3910	4530	4029	3932	3929	100.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8

Route U. S. 93 South of Ravalli

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1	510	13.0	502	12.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-9 Year 1981

Location I-15 - 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 49.7 % Foreign Pass Cars 12.0 % Pickups 26.2 % Commercial 12.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3736	4330	4219	4345	4182	5162	4359	4356	4468	97.49	83.63
February	3427	4007	3984	4148	4511	5208	4478	4252	4372	97.26	81.63
March	4383	4415	4332	4316	4868	5249	4853	4606	4612	99.87	88.42
April	4828	5115	4726	4794	5225	6139	5113	5126	5182	98.92	98.41
May	4876	5376	5042	5024	5024	5239	6111	5359	5305	98.35	101.84
June	5872	5919	5599	5669	5817	6606	6016	5917	5907	100.17	113.59
July	6536	6559	6175	6271	6740	7383	6222	6579	6648	98.96	126.30
August	6086	6360	6109	6155	6331	7214	6395	6369	6430	99.05	122.27
September	5026	5440	5307	5116	5622	6618	5613	5513	5584	98.73	105.84
October	4487	4792	4682	4796	5279	5975	5261	5084	5152	98.68	97.60
November	4531	4706	4721	4987	4738	5785	4999	4904	4974	98.59	94.14
December	3773	4442	4398	4605	4686	4665	4850	4497	4560	98.62	86.33
Daily Average for Year	4797	5122	4941	5019	5270	6010	5294	5209	5274	98.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9

Route I-15 West of Great Falls

Traffic Type Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978			COUNTER	TEMPORARILY		REMOVED							
1979		Counter	back	in operation		May 25, 1979							
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8	555	10.7	547	10.5

AUTOMATIC RECORDER DATA BY MONTHS

Station A-10 Year 1981

Location U.S. 2 - 2.0 miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 46.9 % Foreign Pass Cars 4.3 % Pickups 37.4 % Commercial 11.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1399	2154	2243	2365	2047	2481	2025	2110	2259	93.40	85.40
February	1459	2033	2222	2369	2340	2418	1903	2106	2276	92.53	85.24
March	1684	2230	2312	2437	2612	2653	2093	2268	2433	93.22	91.80
April	1641	2245	2366	2516	2488	2648	2234	2318	2457	94.34	93.82
May	1747	2276	2469	2566	2644	2887	2278	2399	2584	92.84	97.10
June	2205	2761	2734	2799	2984	3004	2594	2727	2846	95.82	110.38
July	2341	3038	2875	3118	3272	3301	2515	2953	3135	94.19	119.52
August	2385	3188	3152	3270	3357	3432	2907	3072	3275	93.80	124.34
September	2278	2688	3141	3264	3379	3411	2723	2998	3179	94.31	121.34
October	1665	2348	2464	2638	2761	2851	2156	2429	2630	92.36	98.31
November	1576	2411	2342	2382	2229	2771	2145	2247	2426	92.62	90.95
December	1339	2035	2103	2282	2183	2158	1923	2021	2157	93.69	81.80
Daily Average for Year	1810	2451	2535	2667	2691	2835	2291	2471	2638	93.67	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10

Route U.S. 2 East of Wolf Point

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0	267	10.8	261	10.6

AUTOMATIC RECORDER DATA BY MONTHS

Station A-11
Location I-90 - 6.0 miles West of Billings

Year 1981

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 49.2 % Foreign Pass Cars 12.9 % Pickups 22.9 % Commercial 15.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8112	8893	8826	8986	8467	10084	9188	8967	9072	98.84	81.91
February	8284	8390	8284	8733	9045	10506	9858	9014	8991	109.64	82.34
March	9746	9288	9154	9408	9880	11020	10586	9823	9702	101.25	89.73
April	10069	9860	9570	9815	10223	11853	10615	10269	10242	100.26	93.80
May	10350	10282	10225	10357	10508	12088	11111	10750	10759	99.92	98.20
June	12817	12106	11897	11990	12032	13832	13366	12539	12338	101.63	114.54
July	13623	13123	12666	13211	13697	14904	13341	13551	13575	99.82	123.78
August	13895	12866	12895	13133	13267	14784	13968	13547	13364	101.37	123.74
September	11912	11895	11396	11485	11828	13595	12967	12106	11985	100.26	110.58
October	10034	10090	9873	100382	10811	12386	10766	10688	10789	99.06	97.63
November	9930	9936	9972	10330	9624	11529	10486	10236	10262	99.75	93.50
December	9129	9990	9599	9955	10010	9992	10508	9881	9902	99.79	90.25
Daily Average for Year	10658	10560	10363	10649	10783	12214	11397	10948	10915	100.30	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11

Route I-90 West of Billings

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961			UNDER	CONSTRUCTION									
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2	1095	10.0	1081	9.9

AUTOMATIC RECORDER DATA BY MONTHS

Station A-12 Year 1981

Location U.S. 87 & Mont. 200 - 6.0 miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 44.1 % Foreign Pass Cars 10.4 % Pickups 29.5 % Commercial 16.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1065	1245	1301	1285	1287	1480	1132	1261	1325	95.17	74.28
February	956	1226	1310	1308	1393	1501	1241	1276	1348	94.66	75.17
March	1383	1449	1407	1369	1456	1541	1345	1421	1443	98.48	83.71
April	1441	1635	1566	1527	1634	1941	1493	1604	1654	96.98	94.49
May	1577	1717	1670	1649	1763	1931	1646	1708	1755	97.32	100.62
June	1877	2003	1910	1899	1973	2242	1783	1955	2001	97.71	115.17
July	2244	2172	2049	2005	2190	2502	2039	2178	2190	99.45	128.31
August	2168	2071	2017	2042	2101	2435	2102	2131	2130	100.05	125.54
September	1809	1847	1856	1790	1827	2235	1950	1897	1903	99.68	111.75
October	1612	1768	1645	1735	1781	2160	1795	1797	1832	98.09	105.86
November	1651	1736	1812	1740	1581	1956	1622	1726	1763	97.90	101.68
December	1189	1475	1414	1431	1474	1523	1392	1416	1460	96.99	83.42
Daily Average for Year	1581	1695	1663	1648	1705	1954	1628	1698	1734	97.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12

Route U.S.87 & Montana 200 West of Lewistown

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7	195	11.5	191	11.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-13 Year 1981

Location U.S. 191 - 7.0 miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 44.7 % Foreign Pass Cars 3.6 % Pickups 39.7 % Commercial 12.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	899	1064	1112	1103	1020	1171	908	1039	1094	94.97	84.95
February	799	933	986	1041	1033	1201	976	996	1039	95.86	81.43
March	1078	1092	1099	1029	1089	1100	971	1068	1083	98.62	87.32
April	1148	1230	1211	1178	1225	1451	1161	1227	1254	97.85	100.32
May	1217	1202	1215	1178	1229	1373	1211	1235	1246	99.12	100.98
June	1303	1366	1334	1311	1370	1520	1278	1354	1377	98.33	110.70
July	1496	1389	1360	1376	1430	1573	1478	1445	1430	101.05	118.15
August	1446	1375	1360	1336	1363	1502	1459	1408	1387	101.51	115.12
September	1335	1261	1297	1245	1284	1501	1378	1325	1313	100.91	108.33
October	1253	1158	1136	1265	1246	1411	1239	1249	1251	99.84	102.12
November	1339	1329	1331	1211	1264	1386	1314	1312	1305	100.54	107.27
December	858	1063	1072	1042	1022	1078	982	1019	1054	96.68	83.31
Daily Average for Year	1181	1205	1209	1193	1215	1356	1196	1223	1236	98.95	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13

Route U.S. 191 North of Lewistown

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2	135	11.0	132	10.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-14 Year 1981

Location FAS 278 - 4.0 miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 37.2 % Foreign Pass Cars 5.2 % Pickups 45.5 % Commercial 12.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	330	328	314	309	326	351	330	328	327	100.31	75.37
February	415	289	274	325	326	360	371	337	315	106.98	77.44
March	381	268	274	288	297	328	352	312	289	107.96	71.70
April	336	290	288	296	318	348	338	316	308	102.60	72.62
May	496	413	374	378	398	411	419	415	395	105.06	95.36
June	740	485	466	441	475	529	572	526	479	109.81	120.87
July	795	571	566	544	601	611	644	615	579	106.22	141.33
August	660	609	572	582	585	608	598	604	592	102.03	138.80
September	601	529	445	456	506	517	530	508	487	104.31	116.74
October	484	417	409	410	452	484	477	450	437	102.97	103.41
November	486	411	390	421	429	478	454	439	425	103.29	100.88
December	458	356	336	333	376	350	415	372	350	106.29	
Daily Average for Year	515	414	392	399	424	448	458	435	415	104.82	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14

Route FAS 278 Southwest of Dillon

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2
1981	435	144	33.1	87	20.0	73	16.8	66	15.2	64	14.7	61	14.0

AUTOMATIC RECORDER DATA BY MONTHS

Station A-15 Year 1981

Location Mont. 200 - 4.0 miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 49.5 % Foreign Pass Cars 4.2 % Pickups 32.2 % Commercial 14.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1499	1709	1710	1778	1680	1979	1564	1707	1777	96.06	71.37
February	1598	1630	1577	1663	1671	1912	1586	1662	1690	98.34	69.48
March	2032	1771	1698	1744	1844	2105	1939	1872	1823	102.69	78.26
April	2180	1887	1734	1693	1929	2243	2256	1977	1889	104.66	82.65
May	2811	2242	2390	2455	2475	2953	2711	2601	2524	103.05	108.74
June	3566	2873	2709	2896	2904	3439	3207	3065	2948	103.97	128.14
July	4518	3210	2933	3043	3392	4093	3782	3562	3357	106.11	148.92
August	3864	3102	3044	3015	3140	3627	3715	3378	3181	106.19	141.23
September	2950	2859	2492	2506	2652	3114	2736	2741	2704	101.37	114.59
October	2679	2254	2202	2238	2376	2703	2498	2432	2372	102.53	101.68
November	2516	1984	2040	2286	2096	2377	2300	2230	2148	103.82	93.23
December	1346	1469	1468	1557	1580	1493	1372	1476	1516	97.36	61.71
Daily Average for Year	2630	2249	2166	2240	2312	2670	2472	2392	2327	102.79	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15

Route Montana 200 Northeast of Bonner

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2	350	14.6	341	14.3

AUTOMATIC RECORDER DATA BY MONTHS

Station A-16 Year 1981

Location I-90 - 3.0 miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 45.1 % Foreign Pass Cars 18.9 % Pickups 24.5 % Commercial 11.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6178	6466	6630	6684	6553	7450	6724	6693	6779	98.73	78.13
February	6066	6073	6294	6795	6654	7056	7057	6635	6664	99.56	77.46
March	7564	6897	7156	7255	7534	8185	8067	7492	7371	101.64	87.46
April	7289	7494	7457	7621	8057	8967	8146	7860	7912	99.34	91.76
May	8474	8055	7764	7883	8040	9213	8855	8377	8239	101.68	97.79
June	10782	10081	10433	10431	10571	11663	11038	10684	10601	100.78	124.72
July	11445	11100	11031	11357	11808	12591	11192	11544	11622	99.33	134.76
August	11491	10957	11342	11270	11536	12504	11627	11516	11495	100.18	134.44
September	9529	9347	9479	9682	10009	11085	10013	9858	9889	99.69	115.08
October	7824	7671	7688	8119	8593	9610	8268	8308	8406	98.83	96.99
November	7573	6902	7049	7659	7101	7945	7435	7371	7311	100.82	86.05
December	5835	6357	6359	6681	6639	6457	6776	6455	6507	99.20	75.36
Daily Average for Year	8338	8117	8224	8453	8591	9394	8767	8566	8566	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16

Route I-90 & I-15 West of Butte

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9	926	10.8	914	10.7

AUTOMATIC RECORDER DATA BY MONTHS

Station A-17 Year 1981

Location I-15 - 3.5 miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 19.5 % Foreign Pass Cars 29.3 % Pickups 28.4 % Commercial 22.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	798	754	718	708	734	794	830	765	744	102.82	61.16
February	889	866	881	928	941	1077	1039	946	939	100.75	75.62
March	1097	967	985	1016	1105	1151	1162	1064	1038	102.50	85.06
April	1196	1159	1141	1228	1272	1455	1242	1242	1251	99.28	99.29
May	1068	1179	1136	1174	1173	1298	1233	1182	1197	98.75	94.49
June	1637	1460	1482	1406	1475	1662	1641	1533	1494	102.61	122.55
July	1720	1704	1613	1659	1794	1931	1690	1736	1747	99.37	138.78
August	1761	1631	1604	1619	1728	1873	1781	1715	1688	101.60	137.10
September	1374	1379	1335	1359	1404	1571	1465	1408	1404	100.28	112.56
October	1308	1268	1216	1247	1308	1368	1293	1290	1286	100.31	103.12
November	1211	1058	1114	1277	1038	1081	1140	1131	1111	101.80	90.41
December	1048	1004	976	1063	940	919	1052	999	982	101.73	79.86
Daily Average for Year	1259	1202	1183	1224	1243	1348	1297	1251	1240	100.89	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17

Route I-15 North of Lima

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1
1981	1251	187	14.9	171	13.7	162	12.9	157	12.5	154	12.3	152	12.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-18 Year 1981

Location U.S. 20 & 191 - 0.5 miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 27.1 % Foreign Pass Cars 34.1 % Pickups 21.4 % Commercial 17.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	676	593	623	630	717	802	806	701	681	102.94	43.34
February	730	675	643	664	695	813	883	729	698	104.44	45.07
March	874	659	652	734	721	761	855	749	701	106.85	46.31
April	929	794	810	824	866	892	903	859	838	102.51	53.11
May	1614	1341	1186	1273	1305	1431	1628	1412	1313	107.54	87.29
June	2850	2459	2490	2434	2479	2722	2917	2612	2513	103.94	161.48
July	3864	3667	3768	3762	3712	4204	4139	3876	3832	101.15	239.63
August	3670	3229	3518	3524	3449	3634	4030	3585	3459	103.64	221.64
September	2521	2270	1934	1947	2090	2382	2656	2236	2108	106.07	138.24
October	1246	1146	1154	1120	1202	1364	1350	1234	1205	102.41	76.29
November	831	725	773	833	698	763	776	772	757	101.98	47.73
December	588	653	662	660	695	600	633	645	656	98.32	39.87
Daily Average for Year	1699	1518	1518	1534	1552	1697	1798	1618	1563	103.52	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18

Route U.S. 20 & 191 West of West Yellowstone

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8	328	20.3	322	19.9

AUTOMATIC RECORDER DATA BY MONTHS

Station A-19 Year 1981

Location U.S. 191 - 7.7 miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 27.3 % Foreign Pass Cars 37.6 % Pickups 22.9 % Commercial 12.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	811	670	685	680	772	849	902	774	738	104.88	52.26
February	790	646	612	636	664	815	821	712	675	105.48	48.07
March	801	648	675	702	715	768	837	732	698	104.87	49.42
April	722	709	716	703	751	807	771	739	736	100.41	49.90
May	1150	992	885	880	936	988	1157	1008	938	107.46	68.06
June	2555	2147	2176	2135	2169	2384	2445	2279	2199	103.64	153.87
July	3311	3187	3257	3211	3244	3446	3275	3278	3273	100.15	221.32
August	3203	2865	3158	3060	3005	3154	3202	3092	3040	101.71	208.77
September	2269	2208	1996	2027	2175	2260	2317	2168	2122	102.17	146.38
October	1252	1171	1148	1177	1305	1390	1286	1255	1248	100.56	84.74
November	1004	882	908	966	866	939	937	930	911	102.09	62.79
December	780	791	810	845	833	779	786	806	814	99.02	54.42
Daily Average for Year	1554	1410	1419	1419	1453	1548	1561	1481	1449	102.21	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19

Route U.S. 191 North of West Yellowstone

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2	279	18.8	277	18.7

AUTOMATIC RECORDER DATA BY MONTHS

Station A-20 Year 1981

Location U.S. 89 - 17.0 miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 46.2 % Foreign Pass Cars 22.0 % Pickups 26.7 % Commercial 5.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	618	408	410	382	482	567	642	507	457	110.94	54.39
February	501	394	321	360	427	505	625	447	401	111.47	47.96
March	584	415	376	393	460	511	608	476	428	111.22	51.07
April	616	524	518	482	508	632	691	563	529	106.43	60.40
May	960	832	701	751	776	904	946	848	798	106.27	90.98
June	1602	1409	1500	1444	1447	1566	1471	1489	1472	101.15	159.75
July	2031	1919	1935	1915	1927	2072	2021	1974	1956	100.92	211.78
August	1934	1762	1849	1851	1814	1907	1872	1855	1833	101.20	199.02
September	1440	1289	1185	1162	1274	1361	1439	1298	1247	104.09	139.26
October	781	678	619	628	723	866	824	738	711	103.80	79.18
November	617	491	507	564	512	641	701	575	541	106.28	61.69
December	402	422	388	377	398	417	521	415	399	104.01	44.52
Daily Average for Year	1007	879	859	859	896	996	1030	932	898	103.79	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20

Route U.S. 87 North of Gardiner

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				UNDER	CONSTRUCTION								
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9
1981	932	198	21.2	178	19.1	173	18.6	169	18.1	167	17.9	166	17.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-21 Year 1981

Location Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	11391	17843	17715	17792	16923	20077	16671	17010	18109	93.93	93.85
February	11377	16701	17269	17904	18225	20274	16861	16944	18075	93.74	93.49
March	12864	17907	17987	18352	18990	20290	17810	17599	18636	94.44	97.10
April	12522	18281	18403	19062	19833	21649	18057	18337	19446	94.30	101.17
May	13765	16716	18622	18985	19686	21663	18403	18232	19255	94.69	100.59
June	13368	19849	19750	20133	20961	22050	17774	19171	20480	93.61	105.78
July	13576	20060	19959	20585	21475	21395	15780	19186	20754	92.44	105.86
August	13655	20580	20221	20539	20900	21834	17261	19079	20803	91.71	105.27
September	12962	17476	19890	20118	20693	22491	17823	18861	20122	93.73	104.07
October	12296	17711	18274	18634	20026	21584	17391	17205	19387	93.62	100.14
November	12019	18554	18450	18741	16403	20351	16874	17205	18502	92.99	94.93
December	12159	18731	18629	19220	19590	17371	17238	17716	18765	94.41	97.75
Daily Average for Year	12663	18367	18764	19712	19475	20919	17329	18124	19361	93.61	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21

Route U.S. 91 & 12 ByPass, Montana Avenue - Helena

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4	1876	10.3	1876	10.3

AUTOMATIC RECORDER DATA BY MONTHS

Station A-23 Year 1981

Location FAS 241 - 2.5 miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 25.2 % Foreign Pass Cars 3.9 % Pickups 52.0 % Commercial 18.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	227	304	316	294	294	352	292	298	312	95.51	87.60
February	233	273	265	244	286	310	269	268	275	97.45	78.78
March	282	330	341	325	342	380	337	332	343	96.79	97.60
April	293	389	381	382	375	435	375	376	391	96.16	110.53
May	304	349	381	343	350	418	365	359	370	97.03	105.54
June	284	384	371	346	352	385	348	354	368	96.20	104.07
July	310	389	403	391	402	416	332	380	401	94.76	111.71
August	367	391	377	372	396	411	436	393	390	100.77	115.53
September	302	342	356	344	379	411	371	357	365	97.81	104.95
October	316	335	314	328	343	381	327	336	342	98.25	98.78
November	275	355	353	331	305	381	293	327	345	94.78	96.13
December	225	312	314	329	323	300	297	302	316	95.57	88.78
Daily Average for Year	285	346	348	336	346	382	337	340	352	96.59	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23

Route FAS 241 North of Harlem

Traffic Type Secondary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7
1981	340	64	18.8	48	14.1	45	13.2	45	13.2	43	12.6	42	12.4

AUTOMATIC RECORDER DATA BY MONTHS

Station A-24 Year 1981

Location U.S. 2 - 1.3 miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 48.1 % Foreign Pass Cars 6.1 % Pickups 35.7 % Commercial 10.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2233	3382	3407	3412	3217	3561	2891	3164	3395	93.20	82.33
February	2451	3153	3223	3255	3247	3611	3007	3135	3298	95.06	81.57
March	2752	3230	3334	3334	3303	3722	3417	3280	3375	97.19	85.35
April	2928	3550	3470	3517	3658	3842	3506	3502	3606	97.12	91.12
May	3369	3773	3835	3920	3834	4208	3887	3831	3928	97.53	99.68
June	3689	4379	4388	4286	4363	4647	4020	4262	4410	96.64	110.90
July	4175	4927	4776	4825	4966	5379	4386	4803	4985	96.35	124.97
August	4155	4927	4870	4947	4936	5401	4493	4790	5012	95.57	124.64
September	3696	4315	4517	4453	4575	4939	4421	4421	4553	97.10	115.04
October	3397	4177	4171	4197	4382	4436	4071	4136	4285	96.52	107.62
November	3266	3854	3985	4011	3772	3967	3586	3763	3915	96.12	97.91
December	2266	3143	3212	3233	3313	2993	2894	3031	3188	95.08	78.87
Daily Average for Year	3198	3901	3932	3949	3964	4226	3715	3843	3996	96.17	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24

Route U.S. 2 West of Kalispell

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973		COUNTER	REMOVED	FOR	REPAIRS								
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6	442	11.5	432	11.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-25 Year 1981

Location I-94 - 6.8 miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 22.3 % Foreign Pass Cars 25.4 % Pickups 26.2 % Commercial 26.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1622	1624	1595	1615	1563	1769	1742	1651	1636	100.92	65.50
February	1631	1649	1657	1750	1761	1767	1787	1714	1717	99.83	68.00
March	2133	1912	2001	2072	2036	2268	2323	2097	2048	102.39	83.20
April	2155	2228	2079	2201	2280	2366	2299	2230	2232	99.91	88.47
May	2505	2280	2304	2336	2433	2612	2537	2441	2404	101.54	96.85
June	3497	3699	3156	3064	3127	3264	3280	3307	3277	100.92	131.20
July	3608	3535	3513	3553	3684	3840	3602	3626	3634	99.78	143.86
August	3706	3371	3347	3441	3478	3695	3776	3552	3462	102.60	140.93
September	2899	2729	2718	2798	2935	3197	2973	2884	2865	100.66	114.42
October	2435	2289	2317	2436	2588	2748	2487	2485	2493	99.68	98.59
November	2237	2113	2233	2252	1982	2272	2224	2187	2167	100.92	86.77
December	2093	2085	2025	2161	1967	1942	2250	2072	2038	101.67	82.21
Daily Average for Year	2543	2460	2412	2473	2486	2645	2607	2521	2498	100.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25

Route I-94 East of Wibaux

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972			COUNTER	OUT	DUE	TO	CONSTRUCTION						
1973			"	"	"	"	"						
1974			"	"	"	"	"						
1975			"	"	"	"	"						
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2	276	10.9	271	10.7

AUTOMATIC RECORDER DATA BY MONTHS

Station A-27 Year 1981

Location U.S. 191 - 1.5 miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 51.6 % Foreign Pass Cars 6.1 % Pickups 25.2 % Commercial 17.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	299	258	274	260	257	339	255	278	279	99.64	67.33
February	274	286	249	260	284	370	244	281	290	96.90	68.05
March	395	323	308	325	349	422	287	344	343	100.29	83.31
April	443	396	337	331	373	583	340	397	399	99.50	96.14
May	471	455	390	389	389	580	432	448	447	100.22	108.50
June	573	481	426	431	477	615	454	491	483	101.66	118.91
July	605	494	456	469	515	605	411	510	511	99.80	123.51
August	517	477	483	446	461	592	446	488	491	99.39	118.18
September	527	550	463	461	477	628	477	509	511	99.61	123.27
October	494	458	418	412	448	591	464	472	470	100.43	114.31
November	502	391	424	449	375	474	361	427	421	101.43	103.41
December	341	287	311	310	329	312	278	310	311	99.68	75.08
Daily Average for Year	453	405	378	379	395	509	371	413	413	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27

Route U.S. 191 Robinson Bridge

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4
1981	413	94	22.8	75	18.2	69	16.7	66	16.0	62	15.0	60	14.5

AUTOMATIC RECORDER DATA BY MONTHS

Station A-28 Year 1981

Location Interstate Frontage Road 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1624	2068	2227	2321	2027	2210	1857	2046	2166	94.46	90.14
February	1684	1940	1989	2219	2129	2232	2104	2042	2102	97.15	89.96
March	1894	2319	2214	2355	2288	2388	2414	2255	2309	97.66	99.35
April	2035	2382	2318	2448	2439	2699	2427	2396	2456	97.56	105.56
May	2265	2245	2290	2407	2274	2534	2477	2363	2359	100.17	104.10
June	2050	2413	2402	2506	2419	2614	2375	2398	2465	97.28	105.65
July	2050	2393	2329	2504	2482	2550	2209	2374	2460	96.50	104.59
August	2068	2435	2438	2584	2425	2565	2317	2392	2487	96.18	105.38
September	2014	2268	2358	2523	2428	2671	2370	2380	2449	97.18	104.85
October	1920	2178	2212	2444	2434	2607	2356	2323	2388	97.28	102.34
November	1886	2207	2234	2395	2157	2412	2191	2201	2277	96.66	96.97
December	1663	2039	2027	2182	2223	2157	2131	2068	2128	97.18	91.11
Daily Average for Year	1929	2241	2253	2407	2310	2470	2269	2270	2337	97.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28

Route Vaughn-Interstate-Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5	258	11.4	256	11.3

AUTOMATIC RECORDER DATA BY MONTHS

Station A-29 Year 1981

Location Interstate Frontage Road 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1555	2114	2083	2243	2099	2310	1849	2041	2173	93.93	88.54
February	1612	2060	2038	2205	2258	2401	2000	2082	2192	94.98	90.32
March	2042	2280	2211	2232	2311	2453	2161	2235	2293	97.47	96.96
April	2110	2408	2451	2471	2525	2744	2304	2435	2518	96.70	105.64
May	2048	2361	2342	2429	2457	2641	2272	2360	2455	96.13	102.38
June	2196	2502	2472	2480	2533	2777	2418	2483	2547	97.49	107.72
July	2202	2481	2458	2483	2563	2659	2260	2456	2534	96.92	106.55
August	2436	2617	2573	2631	2609	2859	2525	2599	2656	97.85	112.75
September	2219	2443	2439	2501	2491	2744	2326	2453	2519	97.38	106.42
October	1909	2342	2271	2287	2323	2635	2119	2278	2381	95.67	98.82
November	1810	2302	2301	2281	2112	2369	2019	2163	2274	95.12	93.84
December	1679	2205	2117	2164	2185	2079	2042	2076	2151	96.51	90.06
Daily Average for Year	1985	2343	2313	2367	2372	2556	2191	2305	2391	96.40	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29

Route Billings Interstate Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER	CONSTRUCTION									
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979		Machine	failure	July &	August								
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1	255	11.0	252	10.9

AUTOMATIC RECORDER DATA BY MONTHS

Station A-30 Year 1981

Location I-90 - 0.9 miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 22.1 % Foreign Pass Cars 31.9 % Pickups 27.0 % Commercial 19.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2017	1959	2102	2174	2069	2409	2029	2114	2151	98.28	61.98
February	1918	2123	2163	2291	2304	2491	2002	2184	2274	96.04	64.03
March	2631	2516	2653	2704	2817	3098	2507	2694	2742	98.25	78.99
April	2754	2974	2915	2986	3089	3462	2737	2991	3081	97.08	87.70
May	3178	3433	3323	3339	3484	3910	3315	3430	3517	97.53	100.57
June	4667	4589	4565	4544	4733	5305	4871	4742	4732	100.21	139.03
July	5164	5229	5140	5271	5572	6015	4938	5360	5468	98.02	157.15
August	5218	5163	5185	5125	5430	5860	5415	5335	5344	99.83	156.42
September	3956	4174	4134	4081	4381	4881	4230	4252	4310	98.65	124.67
October	3088	2999	3094	3089	3341	3696	3002	3202	3269	97.95	93.88
November	2394	2318	2556	2817	2389	2626	2408	2491	2530	98.46	73.04
December	2074	2118	2248	2338	2125	1989	1960	2133	2173	98.16	62.54
Daily Average for Year	3255	3300	3340	3397	3478	3812	3285	3411	3466	98.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30

Route I-90 West of Superior

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER	CONSTRUCTION										
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1	441	12.9	435	12.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-31 Year 1981

Location I-94 - 7.8 miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 31.7 % Foreign Pass Cars 20.5 % Pickups 24.1 % Commercial 23.7 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1969	1971	2073	2070	1941	2468	2178	2105	2113	99.62	70.33
February	2055	2009	2011	2087	2243	2616	2276	2185	2193	99.64	73.00
March	2748	2356	2502	2611	2685	3024	2791	2660	2617	101.64	88.87
April	2681	2675	2630	2598	2841	3282	2648	2767	2797	98.93	92.45
May	2950	2881	2818	2820	2939	3495	3058	3011	3014	99.90	100.60
June	3872	3687	3649	3623	3739	4184	3797	3785	3767	100.48	126.46
July	3850	4020	3971	4075	4263	4438	3568	4053	4167	97.26	135.42
August	3935	3757	3742	3795	3919	4336	3797	3891	3902	99.72	130.00
September	3135	3308	3153	3190	3439	4023	3442	3370	3400	99.12	112.60
October	2881	2732	2759	2839	3032	3515	2984	2969	3003	98.87	99.20
November	2773	2459	2632	2873	2443	2914	2666	2676	2654	100.83	89.41
December	2420	2284	2408	2540	2460	2416	2559	2444	2428	100.66	81.66
Daily Average for Year	2942	2845	2862	2927	2995	3393	2983	2993	3005	99.60	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31

Route I-94 West of Miles City

Traffic Type Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973		COUNTER	REMOVED	DUE	TO	CONSTRUCTION							
1974		"	"	"	"	"							
1975		"	"	"	"	"							
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1	327	10.9	322	10.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-32 Year 1981

Location On 25th Street North between 4th & 5th Ave. In Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2213	3430	3395	3429	3239	3600	2959	3189	3419	93.27	90.85
February	2186	3209	3197	3332	3441	3675	3165	3172	3371	94.10	90.37
March	2557	3481	3587	3466	3568	3615	3326	3356	3542	94.75	95.61
April	2560	3758	3774	3776	3908	4056	3616	3649	3853	94.71	103.96
May	2858	3635	3916	3905	3933	4073	3594	3683	3901	94.41	104.93
June	2644	4007	3986	4019	4012	4209	3437	3775	4042	93.39	107.55
July	2793	3917	3915	4163	4199	4183	3243	3813	4089	93.25	108.63
August	2744	3932	2977	3948	3939	4104	3485	3699	3978	92.99	105.39
September	2485	3409	3827	3827	2923	4046	3239	3556	3808	93.38	101.31
October	2391	3604	3611	3628	3844	3972	3313	3503	3748	93.46	99.80
November	2387	3635	3645	3661	3178	3647	3096	3300	3557	92.77	94.02
December	2363	3687	3654	3674	3788	3423	3222	3425	3645	93.96	97.58
Daily Average for Year	2515	3642	3624	3736	3748	3884	3308	3510	3746	93.70	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32

Route 25th Street North in Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5	363	10.3	361	10.3

AUTOMATIC RECORDER DATA BY MONTHS

Station A-33 Year 1981

Location On 10th Ave. South between 9th & 10th St. In Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	18601	26709	25839	26183	24945	29152	25073	25328	26609	95.19	89.08
February	18496	24940	25295	25760	26462	29760	26629	25334	26443	95.81	89.10
March	21473	27724	27899	27587	29045	31764	29769	27682	28713	96.41	97.35
April	22166	29099	28482	29527	30400	33269	30102	29070	30138	96.46	102.24
May	23478	27602	29326	29549	30481	33548	30329	29181	30265	96.42	102.63
June	23189	31884	31188	31430	32092	34593	29860	30667	32174	95.32	107.85
July	24620	32566	31615	32642	33185	34147	28057	31203	32895	94.86	109.74
August	23723	31458	30265	30981	31816	34132	30348	30207	31718	95.24	106.23
September	21946	27525	29921	30447	31341	33373	28382	29070	30491	95.34	102.24
October	21317	27278	27908	28243	29310	31572	27965	27846	29006	96.00	97.93
November	21360	28721	28626	29157	26197	32316	28508	27654	28990	95.39	97.26
December	21455	28601	28745	29424	29486	28033	29068	27965	28905	96.75	98.35
Daily Average for Year	21819	28676	28759	29244	29563	32138	28674	28434	29696	95.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33

Route 10th Avenue South in Great Falls

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1	2586	9.1	2536	9.0

AUTOMATIC RECORDER DATA BY MONTHS

Station A-34 Year 1981

Location U.S. 12 - 0.6 miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 17.2 % Foreign Pass Cars 3.8 % Pickups 47.7 % Commercial 31.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	182	180	196	199	189	224	174	192	198	96.97	75.30
February	166	177	155	181	220	211	158	181	189	95.77	70.98
March	225	215	213	247	215	244	174	219	225	97.33	85.88
April	231	224	226	225	229	268	196	228	234	97.44	89.41
May	272	279	214	205	224	274	208	241	241	100.00	94.51
June	349	242	243	241	250	315	242	267	257	103.89	104.71
July	343	312	272	294	323	355	262	310	313	99.04	121.57
August	382	325	298	312	318	368	307	331	324	102.16	129.80
September	288	299	252	278	269	388	299	294	294	100.00	115.29
October	336	253	253	291	270	373	294	297	291	102.06	116.47
November	378	283	276	315	249	316	269	300	288	104.17	117.65
December	197	200	189	223	210	214	164	200	207	96.62	78.43
Daily Average for Year	279	249	232	251	247	296	229	255	255	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34

Route U.S. 12 West of Ingomar

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0
1981	255	59	23.1	47	18.4	45	17.6	43	16.9	41	16.1	39	15.3

AUTOMATIC RECORDER DATA BY MONTHS

Station A-35 Year 1981

Location I-90 - Frontage Road 11.0 miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 53.3 % Foreign Pass Cars 2.2 % Pickups 33.3 % Commercial 11.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	427	560	568	598	543	634	526	552	581	95.01	88.25
February	448	562	581	591	575	636	609	572	589	97.11	91.45
March	555	622	621	625	613	680	654	622	631	98.57	99.44
April	577	634	659	675	677	739	677	663	677	97.93	105.99
May	631	697	731	739	713	778	712	714	734	97.28	114.15
June	577	686	692	718	723	735	665	685	709	96.62	109.51
July	552	664	720	721	731	725	595	678	714	94.96	108.39
August	538	659	618	651	671	702	621	634	660	96.06	101.36
September	519	604	651	639	630	680	630	623	641	97.19	90.60
October	584	633	612	622	630	727	674	644	648	99.38	102.96
November	541	613	644	638	589	696	601	615	635	96.85	98.32
December	405	523	546	520	534	508	475	504	526	95.82	80.58
Daily Average for Year	530	621	637	645	636	687	620	626	645	97.05	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Route FAS 210 - Turah

Traffic Type Secondary Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973			MACHINE	FAILURE									
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1
1981	626	90	14.4	73	11.7	71	11.3	69	11.0	68	10.9	66	10.5

AUTOMATIC RECORDER DATA BY MONTHS

Station A-36 Year 1981

Location U.S. 2 - 0.5 miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 42.2 % Foreign Pass Cars 13.4 % Pickups 37.8 % Commercial 6.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	951	944	992	1012	1022	1169	992	1016	1034	98.26	67.57
February	1002	902	855	972	1019	1206	1022	997	991	100.61	66.30
March	1321	1068	1042	1097	1125	1303	1156	1157	1120	103.30	76.95
April	1279	1208	1177	1213	1293	1514	1246	1274	1278	99.69	84.73
May	1828	1800	1470	1440	1496	1851	1643	1659	1623	102.21	110.33
June	2137	1904	1825	1790	1804	2213	2016	1949	1903	102.42	129.62
July	2734	2345	2099	2156	2274	2716	2420	2391	2326	102.79	159.01
August	2736	2158	2059	2054	2279	2619	2345	2331	2230	104.53	155.02
September	1847	1892	1584	1578	1649	2113	1989	1792	1746	102.63	119.18
October	1351	1321	1221	1273	1388	1598	1492	1389	1372	101.24	92.37
November	1243	1097	1100	1212	1088	1276	1149	1166	1152	101.22	77.54
December	904	889	931	955	922	945	903	923	929	101.22	61.38
Daily Average for Year	1611	1461	1363	1396	1447	1710	1531	1504	1475	101.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36

Route U.S. 2 West of Browning

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0	231	15.4	226	15.0

AUTOMATIC RECORDER DATA BY MONTHS

Station A-37 Year 1981

Location South of Orange Street Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	9312	17210	16518	16219	15069	18289	12788	15089	16663	90.55	95.56
February	9663	15605	16352	16172	16253	18243	13448	15105	16525	91.41	95.67
March	10219	17493	17061	16915	17248	19189	13584	15858	17554	90.34	100.44
April	10405	17721	17207	17604	17897	18999	13800	16335	17873	91.39	103.46
May	11180	16614	18330	18220	18349	20384	14466	16652	18475	90.13	105.46
June	11408	18851	18401	18429	18508	20014	14385	17241	18821	91.61	109.20
July	10782	18672	18077	18185	18755	18623	12294	16681	18470	90.31	105.65
August	11213	18582	18090	18165	18027	19330	14211	16596	18446	89.97	105.11
September	9855	15596	17853	17343	17816	19309	13069	15952	17585	90.71	101.03
October	9437	15426	16438	16545	16845	18326	13516	15317	16795	91.20	97.01
November	9255	16479	16030	15839	13949	17227	12348	14341	15932	90.01	90.83
December	8829	16010	15599	15777	15700	15903	12055	14301	15643	91.42	90.58
Daily Average for Year	10130	17022	17163	17118	17035	18586	13330	15789	17399	90.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37

Route Orange Street Bridge - Missoula

Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7	1663	10.5	1639	10.4

AUTOMATIC RECORDER DATA BY MONTHS

Station A-38 Year 1981

Location Montana 200 1.0 mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 41.6 % Foreign Pass Cars 2.2 % Pickups 44.0 % Commercial 12.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	250	256	242	269	240	287	240	255	260	98.08	67.77
February	205	246	232	244	280	289	214	244	258	94.57	64.85
March	302	314	306	299	331	341	265	308	317	97.16	81.86
April	345	359	337	336	362	429	286	350	363	96.42	93.02
May	362	425	386	347	400	462	361	392	407	96.31	104.19
June	492	489	467	431	476	582	489	489	488	100.20	129.97
July	543	583	505	515	586	609	444	543	561	91.79	144.32
August	503	494	506	486	495	623	518	517	520	99.42	137.41
September	379	457	415	399	495	547	387	438	458	95.63	116.41
October	414	351	349	392	398	471	424	403	396	101.77	107.11
November	381	340	372	325	304	358	287	340	340	100.00	90.37
December	238	231	227	258	246	229	219	236	239	98.74	62.72
Daily Average for Year	368	379	362	358	384	436	345	376	384	97.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38

Route Montana 200 West of Jordan

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5
1981	376	80	21.3	63	16.8	59	15.7	57	15.2	55	14.6	53	14.1

AUTOMATIC RECORDER DATA BY MONTHS

Station A-39 Year 1981

Location U.S. 89 - 0.5 miles North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 24.3 % Foreign Pass Cars 36.1 % Pickups 30.8 % Commercial 8.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	268	259	260	239	262	309	287	271	268	101.12	51.45
February	252	277	251	282	281	324	344	287	283	101.42	54.49
March	358	297	306	311	338	334	368	329	316	104.11	62.46
April	355	350	363	398	427	439	431	396	397	99.75	75.18
May	483	455	412	425	418	461	495	453	435	104.14	86.00
June	860	686	775	685	683	736	798	745	715	104.20	141.43
July	1115	1062	1040	981	1049	1073	1048	1051	1040	101.06	199.52
August	1029	918	940	960	944	1000	1036	977	951	102.73	185.48
September	727	699	662	637	661	761	799	703	681	103.23	133.46
October	503	424	419	470	492	571	516	489	481	101.66	92.83
November	421	352	321	347	329	369	438	369	344	107.27	70.05
December	218	223	239	248	256	277	302	251	249	100.80	47.65
Daily Average for Year	549	500	499	499	512	555	572	527	513	102.73	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39

Route U.S. 89 North of Dupuyer

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4
1981	527	130	24.7	116	22.0	108	20.5	106	20.1	103	19.5	101	19.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-40 Year 1981

Location Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	121	45	58	59	75	67	108	77	62	124.19	40.96
February	94	59	54	55	61	60	115	71	58	122.41	37.76
March	289	83	83	89	95	84	215	136	86	158.14	72.34
April	229	126	117	101	115	136	220	147	118	124.58	78.19
May	329	223	121	132	153	158	277	204	157	129.94	108.51
June	418	264	266	257	265	309	420	311	272	114.34	165.43
July	541	280	298	302	345	410	519	382	330	115.76	203.19
August	534	274	252	290	297	296	451	349	281	124.20	185.64
September	347	269	159	164	187	214	300	229	195	117.44	121.81
October	256	149	133	141	143	191	221	177	153	115.69	94.15
November	173	100	105	107	96	123	136	121	106	114.15	64.36
December	70	45	47	48	38	48	74	52	45	155.56	27.66
Daily Average for Year	283	160	141	145	156	175	255	188	155	121.29	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40

Route Wolf Creek - Frontage Road

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.3
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	23.7
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	20.8
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	21.0
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	21.8
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	21.9
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	19.4
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	21.3
1979		Machine	failure	in	September								
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	20.1
1981	188	85	45.2	63	33.5	57	30.3	55	29.3	51	27.1	50	19.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-41 Year 1981

Location I-90 East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 43.7 % Foreign Pass Cars 12.9 % Pickups 21.3 % Commercial 22.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3409	2817	2795	2931	2911	3588	2246	3130	3030	103.30	69.70
February	3240	2801	2613	3028	3033	3809	3499	3146	3057	102.91	70.06
March	4313	3240	3334	3501	3810	4345	4058	3784	3613	104.73	84.27
April	4427	3723	3681	3779	4115	5005	4160	4115	4050	101.60	91.64
May	4564	4275	3960	4136	4308	5256	4553	4470	4428	100.95	99.54
June	6499	5384	5447	5525	5609	6597	6313	5877	5685	103.38	130.88
July	6531	5868	5732	5985	6303	6940	5836	6194	6197	99.95	137.94
August	6540	5685	5803	5924	6101	6843	6227	6160	6053	101.77	137.18
September	5457	5174	4757	4928	5108	6152	5656	5287	5189	101.89	117.74
October	4735	3988	3807	4207	4330	5525	4740	4514	4422	102.08	100.53
November	4721	3391	3662	4004	3450	4211	3911	3917	3727	105.10	87.23
December	3623	3200	3054	3321	3313	3159	3415	3291	3212	102.46	73.29
Daily Average for Year	4838	4129	4054	4272	4366	5119	4643	4490	4389	102.30	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Route I-90 & U.S. 10 East of Livingston

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2	530	11.8	525	11.7

AUTOMATIC RECORDER DATA BY MONTHS

Station A-42 Year 1981

Location 26th Street North in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1853	2714	2752	2687	2590	2915	2481	2589	2736	94.63	90.78
February	1870	2654	2625	2712	2793	3008	2704	2704	2758	95.14	92.01
March	2185	2796	2969	2794	2964	3015	2801	2776	2905	95.56	97.33
April	2184	2994	3013	2972	3101	3226	3028	2938	3059	96.04	103.01
May	2389	2870	3052	3076	3178	3283	3063	2980	3101	96.10	104.49
June	2174	3106	3134	3155	3124	3328	2879	2995	3165	94.63	105.01
July	2318	3101	3120	3291	3313	3398	2691	3062	3256	94.04	107.36
August	2308	3116	3125	3129	3129	3337	2940	2990	3165	94.47	104.84
September	2048	2776	3077	3046	3141	3233	2712	2875	3055	94.11	100.81
October	1975	2878	2873	2911	3091	3236	2783	2842	3013	94.32	99.65
November	1981	2910	2925	2871	2921	2974	2657	2731	2923	93.43	95.76
December	2050	2937	2945	2996	3136	2781	2761	2822	2967	95.11	98.95
Daily Average for Year	2111	2904	2968	2970	3040	3145	2792	2852	3009	94.78	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Route 26th Street North - Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of	service	in	January									
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9	306	10.7	304	10.6

AUTOMATIC RECORDER DATA BY MONTHS

Station A-43 Year 1981

Location U.S. 191 - Big Sky

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 36.8 % Foreign Pass Cars 26.5 % Pickups 21.1 % Commercial 15.7 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1203	929	888	897	1075	1277	1288	1092	1028	106.23	73.63
February	1472	1023	872	946	1043	1266	1553	1168	1030	113.40	78.76
March	1721	1071	1062	1133	1237	1393	1648	1320	1169	112.92	89.00
April	1147	994	1002	993	1022	1212	1259	1084	1041	104.13	73.09
May	1270	1143	1022	1086	1137	1241	1305	1182	1131	104.51	79.70
June	1900	1655	1724	1716	1752	1967	1850	1788	1756	101.82	120.56
July	2459	2279	2268	2231	2328	2588	2377	2363	2344	100.81	159.33
August	2404	2189	2168	2271	2207	2452	2372	2297	2254	101.91	154.88
September	1874	1902	1715	1720	1764	2032	2037	1854	1817	102.04	125.01
October	1326	1256	1267	1256	1330	1490	1348	1331	1328	100.23	89.75
November	1270	1010	1075	1134	1107	1302	1320	1172	1120	104.64	79.02
December	1296	1134	1065	1114	1162	986	1295	1146	1095	104.66	77.27
Daily Average for Year	1612	1382	1344	1375	1430	1601	1638	1483	1426	104.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43

Route U.S. 191 - 35.0 Miles South of Bozeman

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5	210	14.2	207	14.0

AUTOMATIC RECORDER DATA BY MONTHS

Station A-44 Year 1981

Location Big Mountain

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1244	773	932	994	1493	1415	1999	1300	1152	112.85	193.26
February	2217	1182	1314	1337	1453	2058	2694	1751	1469	119.20	260.31
March	1560	1035	1092	1112	1169	1472	1848	1317	1166	112.95	195.79
April	633	347	365	425	440	722	837	531	457	116.19	78.94
May	141	127	117	114	118	119	129	124	119	104.20	18.43
June	257	185	190	216	188	195	193	202	194	104.12	30.03
July	481	351	410	415	383	409	399	406	395	102.78	60.36
August	509	442	447	456	431	441	539	469	443	105.87	69.72
September	384	327	316	318	317	311	319	327	317	103.15	48.61
October	253	298	278	275	286	307	249	278	289	96.19	41.33
November	262	329	333	344	338	393	302	326	346	94.22	48.46
December	1203	965	723	863	827	1099	1739	1041	892	116.70	154.76
Daily Average for Year	762	530	543	572	620	745	937	673	603	111.61	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44

Route Big Mountain

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6
1981	673	575	85.4	400	59.4	321	47.7	282	41.9	260	38.6	242	36.0

AUTOMATIC RECORDER DATA BY MONTHS

Station A-45 Year 1981

Location Hungry Horse Dam

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars _____ % Foreign Pass Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	91	88	95	84	118	83	85	92	94	97.87	27.61
February	131	84	67	78	94	67	98	88	78	112.82	26.41
March	235	80	85	113	94	103	168	126	94	134.04	37.82
April	213	84	65	85	91	99	165	113	85	132.94	33.92
May	475	301	193	185	186	201	354	277	212	130.66	83.14
June	701	503	509	470	468	487	542	524	489	107.16	157.28
July	1197	888	923	880	894	960	1049	964	909	106.05	289.35
August	1049	699	755	678	696	672	930	793	700	113.29	238.02
September	633	526	426	392	439	394	555	476	433	109.93	142.87
October	353	310	292	297	301	172	298	286	271	105.54	85.84
November	228	190	201	185	201	147	213	196	185	105.95	58.83
December	69	63	71	63	58	54	63	63	62	101.61	18.91
Daily Average for Year	448	318	307	293	303	287	377	333	301	110.63	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45

Route Hungry Horse Dam

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0
1981	333	167	50.2	132	39.6	121	36.3	112	33.6	110	33.0	106	31.8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-46 Year 1981

Location U.S. 2 - West of Havre - Burnham - M.P. 372.85

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 49.0 % Foreign Pass Cars 5.9 % Pickups 37.1 % Commercial 8.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	884	1010	1076	1043	969	1222	941	1023	1067	95.88	71.67
February	866	994	1016	1061	1114	1277	1082	1059	1092	96.98	74.19
March	1185	1118	1198	1261	1267	1338	1304	1232	1229	100.24	86.31
April	1295	1334	1320	1348	1348	1539	1364	1363	1375	99.13	95.49
May	1492	1514	1481	1506	1448	1601	1614	1527	1514	100.86	106.98
June	1874	1726	1768	1730	1741	1917	1744	1783	1774	100.51	124.91
July	2207	2066	1949	1950	2077	2178	1940	2054	2047	100.34	143.89
August	2005	1900	1930	1904	1894	1989	1953	1941	1922	100.99	135.98
September	1483	1495	1492	1548	1490	1697	1544	1534	1542	99.48	107.47
October	1130	1207	1244	1357	1367	1533	1289	1313	1351	97.19	91.98
November	1163	1240	1267	1285	1212	1420	1175	1248	1283	97.27	87.43
December	900	1048	1112	1126	1072	1100	970	1052	1093	96.25	73.70
Daily Average for Year	1374	1388	1404	1427	1417	1568	1410	1427	1441	99.03	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A - 46

Functional Class

Route U.S. 2 - West of Havre

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1	169	12.8	164	12.4
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8	176	12.3	173	12.1

AUTOMATIC RECORDER DATA BY MONTHS

Station A-47 Year 1981

Location U.S. 93 North of Florence M.P. 73.7

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 56.7 % Foreign Pass Cars 3.9 % Pickups 33.2 % Commercial 6.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3157	3641	3648	3789	3624	4346	3922	3755	3825	98.17	83.61
February	3507	3478	3725	3863	3792	4402	4124	3842	3852	99.74	85.55
March	3997	3942	4079	4113	4274	4898	4602	4246	4238	100.19	94.55
April	4097	4324	4223	4383	4646	4926	4591	4460	4502	99.07	99.31
May	4536	4433	4595	4603	4764	5349	5074	4786	4777	100.18	106.57
June	4562	4826	4846	4919	4977	5554	5094	4960	5007	99.06	110.45
July	4973	5321	5318	5319	5550	5857	4939	5349	5486	97.50	119.11
August	4812	5101	5214	5219	5315	5821	5392	5252	5323	98.67	116.95
September	4534	4647	4837	4822	5045	5786	5179	4969	5009	99.20	110.65
October	3897	4251	4333	4440	4638	5132	4611	4503	4588	98.15	100.27
November	3705	3936	4030	4189	4122	4622	4180	4092	4168	98.18	91.12
December	2995	3651	3632	3800	3944	3906	3721	3676	3787	97.07	81.86
Daily Average for Year	4064	4296	4373	4455	4558	5050	4619	4491	4547	98.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47

Functional Class

Route U.S. 93 - North of Florence

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5	464	10.3	458	10.2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-48 Year 1981

Location U.S. 287 near Hebgen Dam M.P. 6.9

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 15.6 % Foreign Pass Cars 40.1 % Pickups 42.8 % Commercial 1.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	87	40	37	39	56	64	76	58	49	118.37	15.57
February	64	43	39	31	48	56	77	51	43	118.60	13.69
March	103	56	47	46	50	58	95	65	51	127.45	17.44
April	106	70	64	65	72	70	97	77	68	113.24	20.67
May	399	273	188	201	213	228	324	266	221	120.36	71.39
June	819	668	714	657	638	679	745	702	673	104.31	188.41
July	1306	1170	1159	1135	1138	1262	1295	1207	1174	102.81	323.95
August	1169	996	1092	1053	1036	1004	1110	1068	1034	103.29	286.65
September	759	655	537	526	590	612	695	619	579	106.91	166.14
October	229	176	163	176	200	217	220	199	188	105.85	53.41
November	129	106	98	98	106	112	138	113	104	108.65	30.33
December	53	48	42	46	37	43	55	46	43	106.98	12.35
Daily Average for Year	435	358	348	339	349	367	411	373	352	105.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48

Functional Class

Route U.S. 287 East of Hebgen Dam

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1
1981	373	155	41.6	134	35.9	125	33.5	121	32.4	117	31.4	116	31.1

AUTOMATIC RECORDER DATA BY MONTHS

Station A-49 Year 1981

Location Montana 39 North of Colstrip M.P. 50.7

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Montana Pass Cars 37.6 % Foreign Pass Cars 0.9 % Pickups 45.1 % Commercial 16.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	657	1123	1074	1130	973	1241	937	1022	1108	92.24	73.32
February	609	995	989	1012	1038	1274	909	975	1062	91.81	69.95
March	780	1297	1227	1187	1231	1525	1068	1179	1290	91.40	84.59
April	847	1488	1328	1359	1400	1645	1081	1312	1438	91.24	94.13
May	932	1409	1441	1492	1516	1776	1170	1381	1539	89.73	99.08
June	1046	1595	1481	1503	1535	1857	1173	1461	1589	91.94	104.82
July	1110	1645	1527	1555	1691	1757	1117	1504	1639	91.76	107.90
August	1198	1805	1746	1770	1771	2167	1347	1663	1849	89.94	119.31
September	1078	1688	1683	1690	1810	2258	1388	1659	1813	91.51	119.02
October	1148	1764	1599	1640	1734	2131	1636	1665	1788	93.12	119.46
November	1143	1864	1755	1809	1454	1909	1481	1622	1763	92.00	116.37
December	1031	1265	1221	1214	1298	1646	1332	1283	1318	97.34	92.05
Daily Average for Year	965	1495	1423	1447	1454	1766	1212	1394	1516	91.95	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49

Route Mont. 39 Just South of I-94

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4	236	16.9	229	16.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-50 YEAR 1981

LOCATION On Main Between Milton Rd. & Hamten Lane in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars____% Foreign Pass Cars____% Pickups____% Commercial____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June	19272	26768	26016	26212	26153	28826	26457	25402	26658	95.25	
July	19443	26757	26158	26763	27563	28097	22515	25536	27121	94.16	
August	20740	26992	26374	26804	26992	29084	26151	26014	27237	95.51	
September	20044	23903	25984	26019	26248	29078	25954	25364	26224	96.72	
October	19568	25083	24793	25036	26114	29100	25794	25257	26169	96.52	
November	18966	25557	25166	25400	22668	27589	24664	24152	25289	95.50	
December	18737	24773	24095	24768	25561	24170	24281	23870	24691	96.67	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50

Route Main Street - Billings

Traffic Type Primary Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3	2303	9.2	2290	9.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-51 YEAR 1981

LOCATION On Broadwater Between 22nd & Gay Place in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars____% Foreign Pass Cars____% Pickups____% Commercial____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June	10858	13673	13339	13630	14190	15624	14679	13534	13961	96.94	
July	9910	13118	12982	13915	13915	14382	11957	12908	13595	94.95	
August	10099	14088	12852	12822	13250	14638	12849	12885	13557	95.04	
September	10477	12082	14124	14058	14572	15552	13479	13519	14079	96.02	
October	10315	12372	12128	12520	13262	14776	14086	12902	13103	98.47	
November	10402	12615	12384	12742	11258	14593	14274	12536	12713	98.61	
December	11070	13474	12774	13146	13690	12982	14642	13120	13212	99.30	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A - 51

Route Broadwater Ave. - Billings

Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1	1296	9.9	1280	9.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-52

YEAR 1981

LOCATION Between Peters & Piccolo in Billings, on Old Hardin Rd.

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June											
July											
August	5410	6499	6309	6422	6432	6802	6452	6307	6493	97.14	
September	5313	5797	6256	6244	6222	6682	6204	6112	6241	97.93	
October	5204	5907	5947	5871	6077	6607	6312	6022	6105	98.64	
November	5003	5896	5859	5786	5398	6189	5887	5699	5829	97.77	
December	4837	5618	5499	5681	5940	5643	5800	5587	5680	98.36	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52

Route Old Hardin Road - Billings

Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1	599	10.1	593	10.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-53 YEAR 1981

LOCATION On U.S. 12 - East of Miles City, M.P. 10.0

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June											
July											
August											
September											
October	544	598	636	598	607	716	567	607	627	96.81	
November	635	591	601	611	542	664	687	618	601	102.83	
December	565	540	533	552	496	501	484	525	525	100.00	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53

Route U.S. 12 - East of Miles City

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	583	123	21.1	76	13.0	70	12.0	64	11.0	61	10.5	60	10.3